

Paint gun incorporating a laser device

Patent number: DE69821357D

Publication date: 2004-03-04

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Classification:

- International: B05B12/12

- european:

Application number: DE19986021357 19981002

Priority number(s): AU19980087881 19981002; BR19980003920 19981015; CA19982246123 19980930; EP19980308057 19981002; JP19980285617 19981007; KR19980042430 19981010; NZ19980332167 19981005; US19960777473 19961230

Also published as:

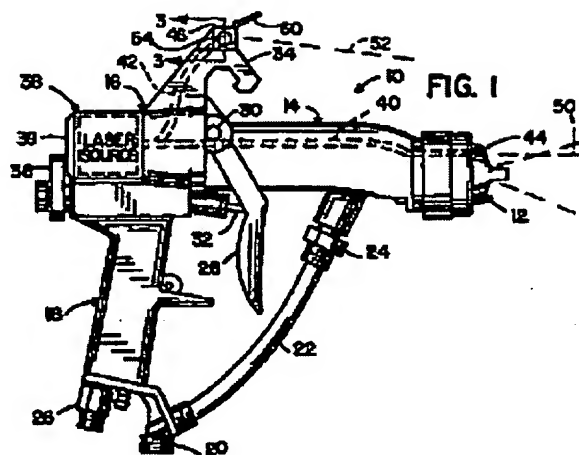


EP0990468 (A1)
US5857625 (A1)
CA2246123 (A1)
EP0990468 (B1)
AU759365 (B2)

Abstract not available for DE69821357D

Abstract of correspondent: **EP0990468**

A spray gun (10) for applying a liquid spray coating, such as paint, to a surface incorporates a light source system for gauging the position of the spray gun relative to a worksurface in order to optimize application of the coating to the surface. The light source (38) is preferably in the form of a laser which emits a pair of light beams (50,52) toward the worksurface. The pair of light beams converge toward each other in a direction toward the surface, and the position of the beams on the surface is used by the operator to judge the distance of the spray gun from the surface. An adjustment mechanism (54) is interconnected with one of the light beam sources, so as to adjust the point of convergence of the light beams. A closable door (60) is associated with the spray gun housing at one of the light beam emitting locations, to selectively prevent emission of one of the light beams from the spray gun, such that a single light beam (50) is emitted from the spray gun for use as a reference for spot application of the coating to the surface.



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